



**Lew Dennis**  
Facilities Engineering  
Manager

**Chevron North America  
Exploration and Production**  
3800 Centerpoint Dr.  
Suite 100  
Anchorage, AK 99503  
Tel 907 263 7630  
Fax 907 263 7698  
Email [dennisl@chevron.com](mailto:dennisl@chevron.com)

October 15, 2008

Mr. Chae Park  
U.S. Environmental Protection Agency  
Region 10, Water Compliance Section  
1200 Sixth Avenue, OW-133  
Seattle, WA 98101

RECEIVED

OCT 20 2008

DEC  
Division of Water Quality  
Wastewater Discharge Program

RETURN RECEIPT REQUESTED  
CERTIFIED MAIL 7006 3450 0000 0081 3841

Re: NPDES Permit No. AKG-31-5001  
Granite Point Tank Farm September 2008 Discharge Monitoring Reports (DMR)

Dear Mr. Park:

Union Oil Company of California operates the Granite Point Tank Farm that discharges regulated effluents in Cook Inlet, Alaska under NPDES Permit No. AKG-31-5001. Pursuant to condition VI.B of the Permit, Union Oil Company of California is hereby submitting the September 2008 NPDES Discharge Monitoring Reports (DMRs) for the Granite Point Tank Farm.

If you have any questions, please direct them to Ms. Marilu Moreno-Jones at 907-263-7305 or via e-mail at [mmjones@chevron.com](mailto:mmjones@chevron.com).

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Best regards,

*Lew Dennis for Dale Haines*  
10-15-08

Lew Dennis

cc: ADEC / Certified Mail 7006 3450 0000 0081 3896

NAME Union Oil Company of California  
 Address Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Granite Point Tank Farm  
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

(2-16) AKG-31-5001  
 PERMIT NUMBER  
 MONITORING PERIOD  
 YEAR MO DAY  
 08 09 01  
 TO  
 YEAR MO DAY  
 08 09 30  
 DISCHARGE NUMBER  
 015

NOTE: Read instructions before completing this form.

| PARAMETER<br>(32-37)  | SAMPLE<br>MEASUREMENT<br>PERMIT<br>REQUIREMENT  | QUANTITY OR LOADING<br>(54-61) |                    |       | QUALITY OR CONCENTRATION<br>(46-53) |                    |                    | N.O.<br>EX<br>(22-23) | FREQUENCY<br>OF ANALYSIS<br>(64-68) | SAMPLE<br>TYPE<br>(69-70) |
|---|---|--------------------------------|--------------------|-------|-------------------------------------|--------------------|--------------------|-----------------------|-------------------------------------|---------------------------|
|   |   | AVERAGE<br>(46-53)             | MAXIMUM<br>(54-61) | UNITS | MINIMUM<br>(38-45)                  | AVERAGE<br>(46-53) | MAXIMUM<br>(54-61) |                       |                                     |                           |
| 015<br>Produced Water<br>Flow Rate*   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  | 0.013184                       | 0.026334           | MGD   |                                     |                    |                    |                       | Weekly                              | Estimate                  |
| 015<br>Produced Water<br>Produced Sand                                      | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       |                                     |                    | No Discharge       |                       | Weekly                              | Estimate                  |
| 015<br>Produced Water<br>pH**   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 6.2                                 |                    | 6.7                | su                    | 5 / Month                           | Grab                      |
| 015<br>Flow Rate <1 mgd   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 6                                   |                    | 9                  | su                    | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Oil and Grease***                                  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 14                                  |                    | 19                 | mg/l                  | Weekly                              | Average                   |
| 015<br>Produced Water<br>Copper****   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 29                                  |                    | 42                 | mg/l                  | Weekly                              | Average                   |
| 015<br>Produced Water<br>Mercury  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 3                                   |                    | 3                  | ug/l                  | 3 / Month                           | Grab                      |
| 015<br>Produced Water<br>Manganese  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 0.2                                 |                    | 0.2                | ug/l                  | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Silver   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 0.4                                 |                    | 0.4                | mg/l                  | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Zinc   | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 0.4                                 |                    | 0.4                | mg/l                  | Monthly                             | Grab                      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER                                      | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. |                                |                    |       |                                     |                    |                    |                       |                                     |                           |
| John Zager<br>General Manager<br>Mid Continent/Alaska Business Unit         | Law Dennis  |                                |                    |       |                                     |                    |                    |                       |                                     |                           |
| TYPE OR PRINTED   | PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT   |                                |                    |       |                                     |                    |                    |                       |                                     |                           |
| COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here) | See Granite Point Tank Farm Page 3 of 3 for comments.   |                                |                    |       |                                     |                    |                    |                       |                                     |                           |

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if Different)

NAME Union Oil Company of California  
 ADDRESS Attn: John Zager  
 P.O. Box 196247  
 Anchorage, AK 99519-6247  
 FACILITY Granite Point Tank Farm  
 LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

AKG-31-5001  
 PERMIT NUMBER  
 MONITORING PERIOD  
 YEAR MO DAY  
 08 09 01  
 TO  
 YEAR MO DAY  
 08 09 30  
 DISCHARGE NUMBER  
 015

OMB No. 2040-0004

| PARAMETER<br>(32-37)  | SAMPLE<br>MEASUREMENT<br>PERMIT<br>REQUIREMENT  | QUANTITY OR LOADING<br>(54-61) |                    |       | QUALITY OR CONCENTRATION<br>(46-53) |                    |       | NO.<br>EX<br>(62-63) | FREQUENCY<br>OF ANALYSIS<br>(64-69) | SAMPLE<br>TYPE<br>(69-70) |
|---|---|--------------------------------|--------------------|-------|-------------------------------------|--------------------|-------|----------------------|-------------------------------------|---------------------------|
|   |   | AVERAGE<br>(46-53)             | MAXIMUM<br>(54-61) | UNITS | AVERAGE<br>(46-53)                  | MAXIMUM<br>(54-61) | UNITS |                      |                                     |                           |
| 015<br>Produced Water<br>TAN****  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 12                                  | 13                 | mg/l  |                      | 3 / Month                           | Grab                      |
| 015<br>Produced Water<br>TAN****  | SAMPLE  |                                |                    |       | 14                                  | 20                 | mg/l  |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>TAN****  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | 13                                  | 13                 | mg/l  |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Total Ammonia  | SAMPLE  |                                |                    |       | Report                              | Report             | mg/l  |                      | Monthly                             | Grab                      |
| 015<br>Produced Water<br>Total Ammonia  | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | No Sample                           | No Sample          | mg/l  |                      | Quarterly                           | Grab                      |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Mytilus galloprovincialis**** | SAMPLE  |                                |                    |       | No Sample                           | No Sample          | TUC   |                      | Quarterly                           | Grab                      |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Dendroica eximius             | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | No Sample                           | No Sample          | TUC   |                      | Annually                            | Grab                      |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Mentha beryllina              | SAMPLE  |                                |                    |       | 1341                                | 2691               | TUC   |                      | Quarterly                           | Grab                      |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Mentha beryllina              | MEASUREMENT<br>PERMIT<br>REQUIREMENT  |                                |                    |       | No Sample                           | No Sample          | TUC   |                      | Annually                            | Grab                      |
| 015<br>Produced Water<br>Whole Effluent Toxicity<br>Mentha beryllina              | SAMPLE  |                                |                    |       | 1341                                | 2691               | TUC   |                      | Annually                            | Grab                      |
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER  | I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. |                                |                    |       |                                     |                    |       |                      |                                     |                           |
| John Zager<br>General Manager<br>Mid Continent/Alaska Business Unit               |   |                                |                    |       |                                     |                    |       |                      |                                     |                           |
| TYPED OR PRINTED  |   |                                |                    |       |                                     |                    |       |                      |                                     |                           |
| COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)       |   |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | SIGNATURE OF<br>PRINCIPAL EXECUTIVE OFFICER<br>OR AUTHORIZED AGENT  |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | Law Dennis  |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | TELEPHONE   |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | (907) 276-7800  |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | DATE  |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | 08 10 15  |                                |                    |       |                                     |                    |       |                      |                                     |                           |
|   | AREA<br>CODE  | NUMBER                         | YEAR               | MO    | DA                                  |                    |       |                      |                                     |                           |
|   |   |                                |                    |       |                                     |                    |       |                      |                                     |                           |

NOTE: Read instructions before completing this form.

See Granite Point Tank Farm Page 3 of 3 for comments.

PERMITTEE NAME/ADDRESS (Include Facility Name/Location if different)

NAME Union Oil Company of California

ADDRESS Attn: John Zager

P.O. Box 196247

ANCHORAGE, AK 99519-6247

FACILITY Granite Point Tank Farm

LOCATION Cook Inlet, Alaska

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

OMB No. 2040-0004

AKG-31-5001  
PERMIT NUMBER

015  
DISCHARGE NUMBER

| YEAR | MO | DAY |
|------|----|-----|
| 08   | 09 | 1   |

| YEAR | MO | DAY |
|------|----|-----|
| 08   | 09 | 31  |

COMMENTS PAGE 3 OF 3

NOTE: Read instructions before completing this form.

\* Flow rate includes produced water from Granite Point Platform for treatment and discharge. See letter submitted to EPA dated August 20, 2007.

\*\* Frequency of pH measurement has been increased to more closely monitor water quality.

\*\*\* Per permit instructions weekly samples consist of an average of 4 samples taken within a 24 hour period.

\*\*\*\* Produced water discharge resumed on May 25, 2008. Samples were collected for TAH and metals on May 26, 2008 and results were received from the laboratory on June 13, 2008. The average concentration for TAH and Copper exceeded the monthly average permit limit. In accordance with Section II.G.6.a.2, the monitoring frequency for these parameters increased to weekly for a period of three consecutive months. September is the final month of increased monitoring.

\*\*\*\*\* Identified as the most sensitive species

NAME/TITLE PRINCIPAL EXECUTIVE OFFICER

John Zager  
General Manager  
Mid Continent/Alaska Business Unit

TYPED OR PRINTED

COMMENTS AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)

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*Lew Dennis*  
Lew Dennis  
SIGNATURE OF  
PRINCIPAL EXECUTIVE OFFICER  
OR AUTHORIZED AGENT

| TELEPHONE      | DATE     |
|----------------|----------|
| (907) 276-7600 | 08 10 15 |
| AREA CODE      | NUMBER   |
| YEAR           | MO       |
| DA             |          |